

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - REVISED

PERMITTEE

Custom Plastics, Inc.
Attn: Richard Kneisel
1940 Lunt Avenue
Elk Grove Village, Illinois 60007

Application No.: 83030043 I.D. No.: 031440AGZ
Applicant's Designation: IMMACHINES Date Received: April 18, 2005
Subject: Plastic Products Manufacturing
Date Issued: June 6, 2005 Expiration Date: March 30, 2009
Location: 1940 Lunt Avenue, Elk Grove Village

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of plastic resin compounder with baghouse, 7 storage silos each with a baghouse, injection molding department consisting of 32 molding machines, extrusion department consisting of 19 extrusion machines, and grinding department consisting of 28 grinders pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 25 tons/year of volatile organic material (VOM)). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to the initial issuance of a FESOP to this source, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. This permit is issued based on the potential to emit (PTE) for hazardous air pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act being less than 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
3. Emissions and operation of plastic products manufacturing shall not exceed the following limits:

<u>Process</u>	<u>Throughput</u>		<u>Emission Factor</u> (Lb/Ton)	<u>VOM Emissions</u>	
	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>		<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
<u>Molding/Extrusion</u>					
Polypropylene	250	2,500	1.6	400	2.0
Other Resins	2,500	25,000	1.2	3,000	15.0
Mold Release	0.2	2.0	2,000	400	2.0

These limits are based on the maximum production rate and plastic industry emission factors (the worst case for other plastics is for PVC resin). Compliance with annual limits shall be determined from a running total of 12 months of data.

4. This permit is issued based on negligible emissions of particulate matter from the resin compounder, storage silos, injection molding/extrusion and grinding operations. For this purpose, emissions from each emission source shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
5. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.
6. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
7. The Permittee shall maintain the following records:
 - a. The names and throughput (tons/month and tons/year) of raw materials; and
 - b. VOM and HAP emissions (lb/mo, ton/yr) with supporting calculations.
8. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
9. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
10. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

It should be noted that this permit has been revised to include operations of four injection molding machines described in Construction Permit 05040032 and revise emission limits.

This revision does not relax monitoring, recordkeeping, or reporting requirements contained in the federally enforceable conditions of this permit. These permit conditions assure that this source would not be a major source for purpose of CAAPP.

If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the plastic manufacturing facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, e.g., 25 tons/year of VOM, at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

<u>Equipment</u>	<u>PM Emissions (Tons/Year)</u>	<u>VOM Emissions (Tons/Year)</u>
Storage and Transfer (Total)	0.44	----
Resin Compounder	0.44	----
Injection Molding/Extrusion	0.44	17.0
Mold Release Agent	----	2.0
Grinding	0.44	----
Totals:	1.8	19.0

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